



Research

February 29, 2016

at Princeton



Video series celebrates Princeton inventors

Sustainable building materials, a better way of preventing cyberattacks, and a new approach to curbing antibiotic resistance are some of the many faculty-led research projects that have the potential to benefit society.



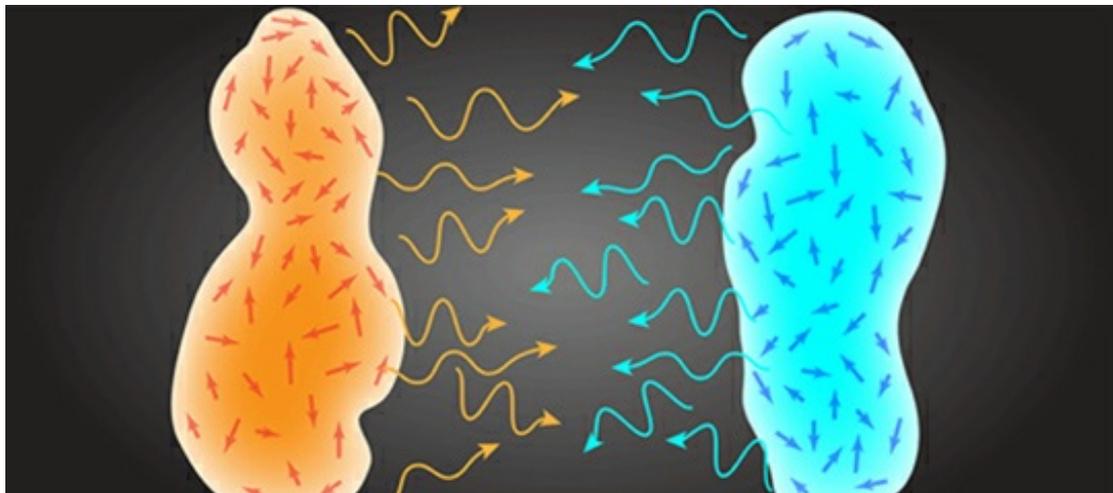
Princeton professors to lead NASA science team probing universe and planets

David Spergel and Jeremy Kasdin will lead the team of scientists responsible for a major NASA space observatory, the Wide-Field Infrared Space Telescope (WFIRST) project.



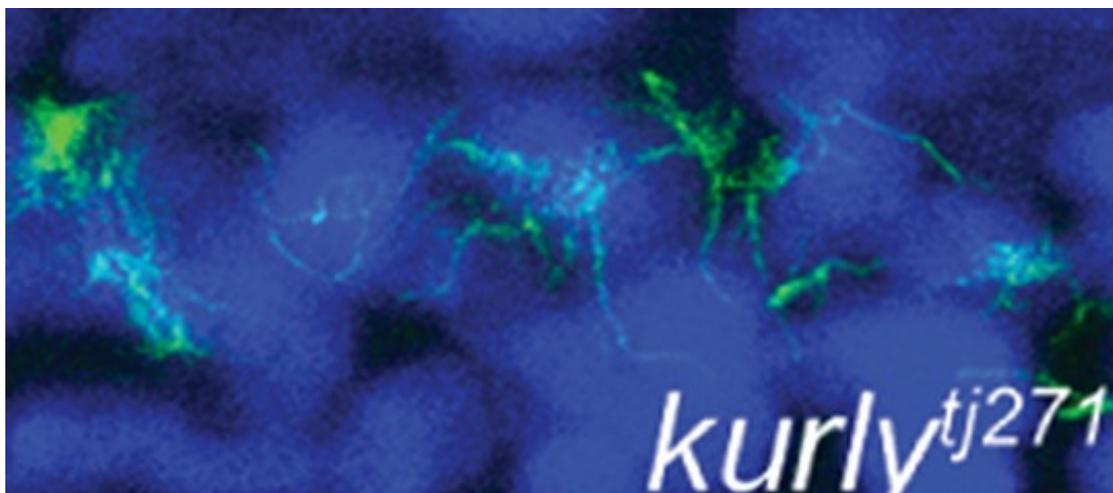
Schmidt Fund transformative technology awards go to neuroscience, 3-D cellular imaging

A technology to uncover how the infant brain learns language and a microscope that can image and manipulate the inner workings of a functioning cell are recipients of the Eric and Wendy Schmidt Transformative Technology Fund.



Hot find: Tightly spaced objects could exchange millions of times more heat

Alejandro Rodriguez, an assistant professor of electrical engineering, is leading a team to develop a new mathematical framework for describing how heat radiates between objects that are extremely close to each other.

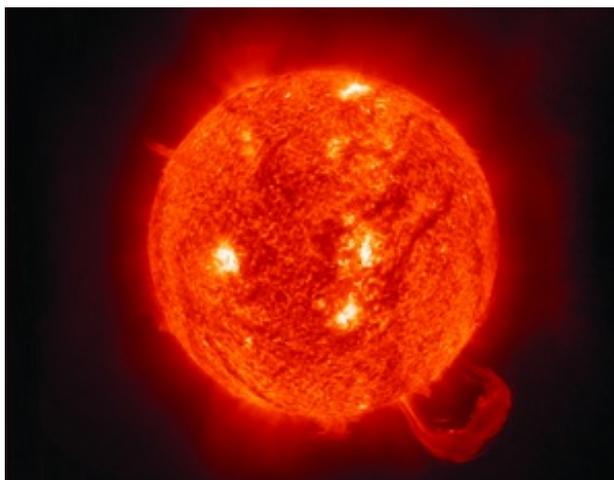


“Kurly” protein keeps cilia moving, oriented in the right direction

A new study of a protein found in cilia – the hair-like projections on the cell surface – may help explain how genetic defects in cilia play a role in developmental abnormalities, kidney disease and other disorders.

Events

Free and open to the public



Science on Saturday: The Path to Fusion Energy

Edmund Synakowski of the U.S. Department of Energy Office of Science
MBG Auditorium, Princeton Plasma Physics Laboratory (PPPL)
March 5, 9:30 a.m.

Science on Saturday: Taking the Universe's Baby Picture

David Spergel of Princeton University, Department of Astrophysical Sciences
MBG Auditorium, Princeton Plasma Physics Laboratory (PPPL)
March 12, 9:30 p.m.

The Bullies of Wall Street: This Is How Greed Messed Up Our Economy

Sheila C. Bair, President, Washington College; former Chairperson, U.S. Federal Deposit Insurance Corporation
Dodds Auditorium, Robertson Hall
March 30, 4:30 p.m.

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