



Research

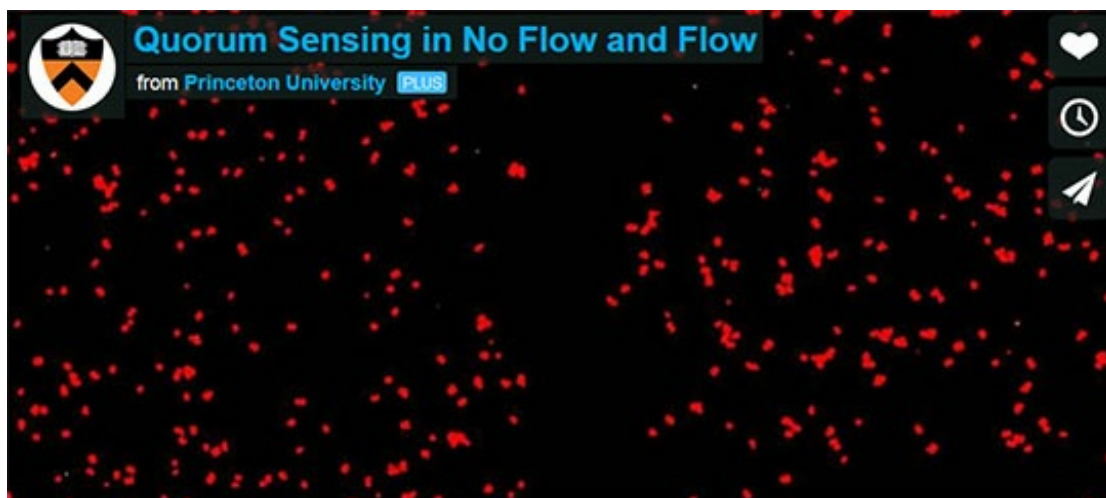
January 29, 2016

at Princeton



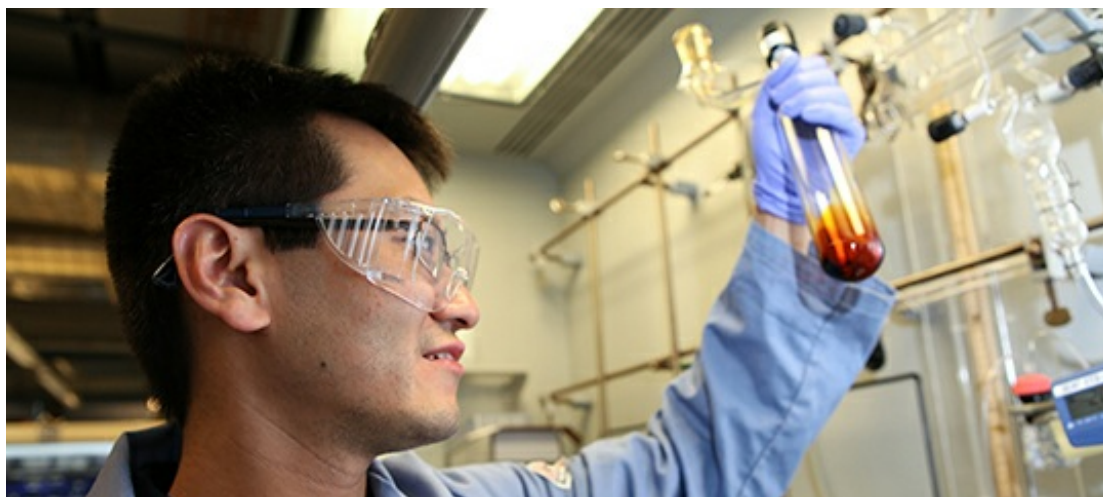
Team investigates brain function during social interaction, down to each neuron

Neuroscientist Mala Murthy and her colleagues want to understand what happens in the brain when animals process information, communicate and socialize. Video courtesy of the National Science Foundation.



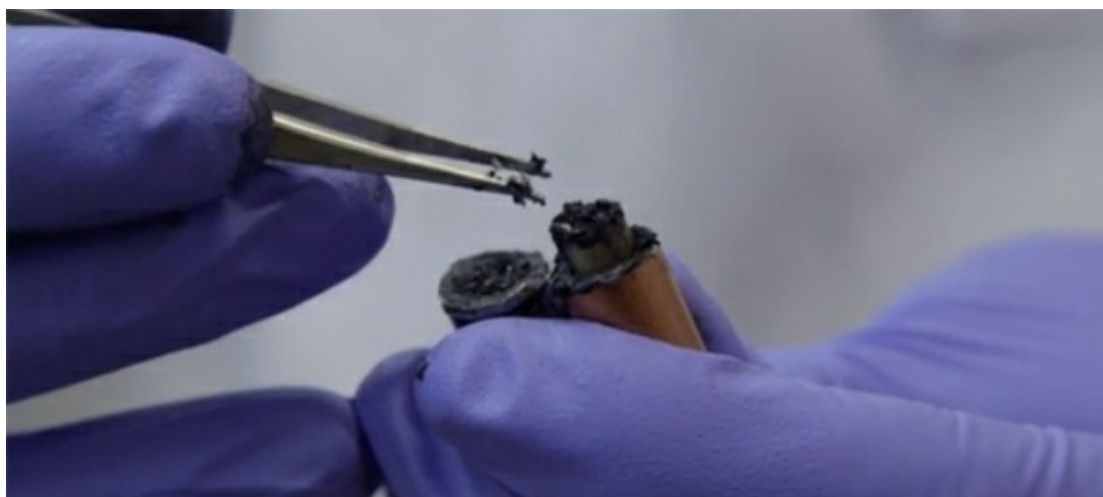
How bacterial communication 'goes with the flow' to cause infection, blockage

New research shows that bacteria's ability to communicate - and work together to block pathways such as intestines, medical stents and wastewater pipes - is influenced by the physical characteristics and flow of fluid in their environment.



'Radiolabeling' lets scientists track the breakdown of drugs

A new method for labeling molecules with radioactive elements could let chemists more easily track how drugs under development are metabolized in the body. (From our research blog.)



Better batteries for future energy needs

Dan Steingart, an assistant professor in Princeton's Andlinger Center for Energy and the Environment, talks about how he and his lab members "test batteries, beat them up, dissect them and then repeat the cycle."



Ten not-to-be missed stories from 2015

Princeton faculty members and their research teams produce numerous high-quality studies each year. We've selected ten not-to-be-missed stories from 2015 - plus one bonus article.

Events

Free and open to the public



Jennifer Doudna, University of California-Berkeley

Doudna is one of the inventors of a new technique called CRISPR that makes it easy to alter any organism's DNA.
McCosh 50
February 24, 6:00 p.m.

The Science of Cooking

Michael Brenner of Harvard University uses food and cooking to explain fundamental principles in applied physics and engineering.
McDonnell Hall, Room A-02
February 25, 8:00 p.m.

Julie Gerberding, Merck & Co.

Gerberding was head of the Centers for Disease Control and Prevention (CDC) from 2002 to 2009 and will speak on population health in resource-limited countries.
Robertson Hall
February 29, 4:30 p.m.

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