

Center for Nanotechnology in Society  
University of California, Santa Barbara  
[www.cns.ucsb.edu](http://www.cns.ucsb.edu)

## News Clips

June 1-15, 2012

### Top Deck

What the nation's (& world's) top papers, news wires and sources have been saying about nanotechnology

[Government attacked over nanotechnology](#)

*Wales Online*

June 6

David Williamson

"The UK government has failed to grasp the multi-billion-pound potential of nanotechnology and has not acted to protect us from its potential risks, a Cardiff University expert has warned."

[Report: Hackers could access US weapons systems through vulnerable chip](#)

*Christian Science Monitor*

June 7

Mark Clayton

"A pair of cybersecurity researchers say an encrypted chip used by the military and nuclear power plants has a secret 'backdoor' that can be hacked. It could be a wakeup call for the industry."

[Laying down the law on nanotechnology](#)

*Guardian*

June 11

Steven Vaughan

"Regulating nanotechnology is fraught with difficulties. Current environmental law simply doesn't apply on the nano-scale."

[STDs blocked by nano gel, study suggests](#)

*Fox News*

June 14

Susan E. Matthews

"Women someday could protect themselves against sexually transmitted infections by using a gel that uses nanoparticles to deliver drugs to the vaginal walls, a new study in mice suggests."

### **On Deck**

What local sources are reporting

#### [Study Bolsters Quantum Dot Safety, With Caveats](#)

*New Haven (CT) Independent*

June 12

Gwyneth K. Shaw

"Glowing, ultra-tiny particles known as quantum dots excite researchers and industry for a good reason: They may be groundbreaking for a wide variety of products, from medical sensors to televisions."

#### [Real Products, Different Results](#)

*New Haven (CT) Independent*

June 15

Gwyneth K. Shaw

"It's become a rallying cry for some researchers who are scrutinizing the potential health and environmental effects of super-small particles: Test the products that use nanomaterials, not just the substances themselves."

### **Nano press**

What nanotechnology related publications are reporting

#### [Home-Made Traffic Nano Paints Utilized in Isfahan Airport](#)

Nanotechnology Now

June 3

"The nano paints produced by the Iranian company have already been used in the lining of streets in the city of Tehran."

#### ['Nanocable' could be big boon for energy storage](#)

Nanowerk

June 7

"Thanks to a little serendipity, researchers at Rice University have created a tiny coaxial cable that is about a thousand times smaller than a human hair and has higher capacitance than previously reported microcapacitors."

[DARPA nanotechnology effort targets illness faster, safer and more effectively](#)

Nanowerk

June 8

"In addition to keeping the warfighter safe while deployed in theater, there is a clear need to maintain warfighter health throughout their military service."

[A new spin on antifreeze](#)

Nanowerk

June 11

"A team of researchers from Harvard University have invented a way to keep any metal surface free of ice and frost. The treated surfaces quickly shed even tiny, incipient condensation droplets or frost simply through gravity."

**Other (science) issues related to nanotechnology**

[Gold Nanoparticles Detect Traces Of Contaminants In Milk](#)

*Asian Scientist*

June 4

Samantha Chan

"Researchers in Australia have developed a new class of biosensor that can detect exceptionally small traces of contaminants in liquids in just 40 minutes."

[Response to FDA's Decision to Delay Sunscreen Standards](#)

Inside Cosmeceuticals

"Sunscreen seems to not only be on Washington's mind, but industry and research academics', too. In late May, a group of U.S. Senators, headed up by Jack Reed (D-RI), asked FDA to reverse its decision to delay new sunscreen standards, and enact new standards that will go into effect this summer."

[Bend me, shape me: flexible electronics perform under punishing conditions](#)

Ars Technica

Matthew Francis

"Molecule-thick electronics still work after being wrapped around a toothpick."

[Nanotechnologists develop a 'time bomb' to fight cardiovascular disease](#)

PhysOrg

June 10

"Atherosclerosis, resulting in a narrowing of the arteries and the development of cardiovascular disease, is the leading cause of death worldwide. Until now, no treatment could target diseased

areas exclusively, in order to increase drug efficacy and reduce side effects."

[Nanoparticles Found in Moon Glass Bubbles Explain Weird Lunar Soil Behavior](#)

*Science Daily*

June 13

"A stunning discovery by QUT soil scientist Marek Zbik of nano particles inside bubbles of glass in lunar soil could solve the mystery of why the moon's surface topsoil has many unusual properties."