

Center for Nanotechnology in Society
University of California, Santa Barbara
www.cns.ucsb.edu

News Clips

Feb. 16-29, 2012

Top Deck

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

[Pentagon warns of new hi-tech IEDs that will use lasers and nanotechnology](#)

Daily Mail

Feb. 16

Rob Waugh

"The Pentagon has warned that a new generation of improvised explosive devices - IEDs - could incorporate cutting-edge technology to inflict terrible casualties."

[With the "Wonders and Worries" of Nanotechnology, the Worries Seem to Be Accentuated](#)

IEEE Spectrum Nanoclast

Feb. 21

Dexter Johnson

"About a year-and-a-half ago, I came across a treasure trove of nanotechnology-related videos posted by an organization called NISE (Nanoscale Informal Science Education) Network."

[New "Power Felt" Could Charge Your Phone with Body Heat](#)

TIME

Feb. 21

Keith Wagstaff

"Tired of your smartphone running out of juice while you're out on the town?"

Also noted by [WFMY](#), [Fobes](#), among others.

[Nanotechnology's promise? For now, more promises](#)

Medill Reports

Feb. 28

Kaavya Chandrasekaran

"When nanotechnology came into real prominence over a decade ago, it created big waves."

On Deck

What local sources are reporting

[Obama Asks Congress To Boost Nano Safety \\$\\$](#)

New Haven Independent

Feb. 17

Gwyneth K. Shaw

"President Obama's newly-minted budget request would increase funding for a number of efforts to promote the development of nanotechnology-and safeguard the health of people, animals and the environment."

[Nanotech Fuels A Cancer Research Gold Rush](#)

New Haven (CT) Independent

Feb. 23

Gwyneth K. Shaw

"W. Mark Saltzman has been trying to cure brain tumors for decades. Time after time, he hit a common roadblock: A delivery device that works is too toxic, but a good treatment doesn't work if it's not in the right place."

[Teaching the science and ethics of nanotechnology](#)

Utica Observer-Dispatch

Feb. 28

Daniel P. Bader

"Notre Dame junior Dominick Salerno knows he wants to be an engineer, he's just not sure which kind."

Nano press

What nanotechnology related publications are reporting

[Researchers create a working transistor from a single atom](#)

Nanowerk

Feb. 19

"In a remarkable feat of micro-engineering, UNSW physicists have created a working transistor consisting of a single atom placed precisely in a silicon crystal."

Also noted by the *San Francisco Chronicle*, *PC World*, among many others.

[Video shows potential applications for nanotechnology in the paper industry](#)

Nanowerk

Feb. 23

"A new video on potential applications for nanotechnology in the forest products industry has been widely adopted as a teaching and learning tool."

[New study describes liquid water diffusion at molecular level](#)

Nanowerk

Feb. 24

"Researchers at the universities of Granada and Barcelona have described for the first time the diffusion of liquid water through nanochannels in molecular terms."

[Novel method uses magnetic carbon nanoparticles to target and destroy cancer cells](#)

Nanowerk

Feb. 24

"A team of University of Texas at Arlington researchers have developed a method that uses magnetic carbon nanoparticles to target and destroy cancer cells through laser therapy - a treatment they believe could be effective in cases of skin and other cancers without damaging surrounding healthy cells."

Other (science) issues related to nanotechnology

[Nanoparticles in Food, Vitamins Could Harm Human Health, Researchers Warn](#)

Science Daily

Feb. 17

"Billions of engineered nanoparticles in foods and pharmaceuticals are ingested by humans daily, and new Cornell research warns they may be more harmful to health than previously thought."

[Better cancer therapy with nano-drug combo](#)

Futurity

Feb. 17

Mike Williams

"A mixture of current drugs and carbon nanoparticles has the potential to enhance treatment for head-and-neck cancers, especially when combined with radiation therapy."

[Nanowire Mesh Could Be Solar Window Coating](#)

Earth Techling
Feb. 21
Lauren Craig

"Researchers at Stanford University say a breakthrough in nanotechnology could lead to inexpensive solar window coatings. The secret is in a new method used to fabricate meshes made from nanowires."

[Nanotechnology meets fashion: behold the climate friendly kilt](#)

DVICE
Feb. 22
Eileen Marable

"The unlikely pairing of a chemist and a fashion designer has led to the creation of air-purifying textiles."

[Nanosphere looks for big boost to break even](#)

Crain's Chicago Business
Feb. 28
Micah Maidenberg

"Nanosphere Inc. must nearly quadruple its customer base just to break even, a tall order for the maker of high-tech diagnostic devices that hasn't posted a profit since it went public nearly five years ago."