

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

News Clips

Feb. 1-15, 2012

Top Deck

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

[DNA-nanotech development will move pathogen testing from lab to field - developer](#)

Food Quality News

Feb. 1

Mark Astley

"A breakthrough handheld nanotechnology-based bio-sensor can detect a range of threats including Listeria, Salmonella and E.coli in as little as an hour, its developer has claimed."

[Tackling 21st-Century Tech Risks](#)

Huffington Post

Feb. 2

Jonathan D. Moreno

"I was privileged to have the philosopher and critic Richard Rorty as a colleague for a short time at the University of Virginia."

[Opinion: No Objections to Nano?](#)

Scientist

Feb. 3

Dr. Susanna Priest

"While biotechnology has met with mixed public reactions, to date nanotechnology seems to invoke much less public concern."

[Why Isn't the Public Terrified of Nanotechnology?](#)

Slate

Feb. 6

Torie Bosch

"Some conspiracy theorists are convinced that nanotechnology will destroy the world; at least one person has sent bombs to professors researching the field. But most people

aren't terribly worked up about nanotechnology, even as discussions about its safety continue."

[Microrockets Use Bubbles To Self-Propel Through Digestive System](#)

Huffington Post

Feb. 9

"Perhaps a certain magical school bus could have gotten a boost from this new invention while visiting the human digestive system."

[Lab study raises questions over nano-particle impact](#)

AFP

Feb. 12

"Tests involving chickens have raised questions about the impact on health from engineered nano-particles, the ultra-fine grains commonly used in drugs and processed foods, scientists said on Sunday."

On Deck

What local sources are reporting

[Idaho Researcher Works to Create New Lung Cancer Test](#)

Boise State Public Radio

Feb. 2

Samantha Wright

"More people die from lung cancer each year, than any other cancer."

[Is nanotechnology still in South Bend's future?](#)

ABC 57 (South Bend, IN)

Feb. 14

Tony Spehar

"Officials say businesses and investors are coming to the city."

Nano press

What nanotechnology related publications are reporting

[What's Happening with Nanofoods?](#)

Nanowerk

Feb. 2

"Back in the early 2000's, food nanotechnology seemed to be a very hot topic and large industrial food companies were eager to explore new opportunities offered by nanotechnology applications."

[Graphene transistor goes vertical](#)

Nanotechweb

Jan. 3

"Graphene is highly conducting and thus ideal for electronic applications. However, its extreme conductivity can also be a problem because devices made from the material remain conducting even when switched off."

[A desalination battery for freshwater production](#)

Nanowerk

Feb. 7

"Currently, 600 million people face water scarcity. Depending on future rates of population growth, between 2.7 billion and 3.2 billion people may be living in either water-scarce or water-stressed conditions by 2025."

Also noted by IEEE [Spectrum](#).

[Exploding microcapsules track down and kill cancer cells](#)

Nanowerk

Feb. 13

"With the advent of nanomedicine, the concept of a 'magic bullet' to fight cancer is getting closer to reality."

Other (science) issues related to nanotechnology

[Nanoshell whispering galleries improve thin solar panels](#)

EurekAlert

Feb. 7

"Creative engineering produces hollow nanoshell whispering galleries that trap light to improve performance of thin solar films."

[Australians risking skin cancer to avoid nanoparticles](#)

PhysOrg

Feb. 9

"More than three in five Australians are concerned enough about the health implications of nanoparticles in sunscreens to want to know more about their impact."

Also noted by IEEE [Spectrum](#).

[A Tough Tip for Nano Manipulation](#)

Technology Review

Feb. 9

Duncan Graham-Rowe

"IBM's Zurich Research Laboratory-where several groundbreaking microscopy tools have been invented-has created a tough new coating for the tip of an atomic force microscope (AFM)."

[Large-Scale Production Of Nanosensors](#)

Chemical & Engineering News

Feb. 10

Katherine Bourzac

"For the first time, researchers have made arrays of nanoelectromechanical sensors on a large scale in a semiconductor fabrication facility."