



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

News Clips

March 16-31, 2012

Top Deck

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

[Engineering of Graphene Gives it Piezoelectric Properties](#)

IEEE Spectrum Nanoclast

March 16

Dexter Johnson

"Researchers at Stanford University are extending the capabilities of graphene by engineering piezoelectric capabilities into the material."

['Bed-of-nails' breast implant deters cancer cells](#)

R&D Magazine

March 23

"One in eight women in the United States will develop breast cancer."

[DNA Sequencing, Without the Fuss](#)

Science

March 25

Robert F. Service and Elizabeth Pennisi

"DNA sequencing technology has been improving by leaps and bounds in recent years, with several techniques vying for supremacy."

['Nanotechnology becoming part of daily life'](#)

Jerusalem Post

March 27
Yossi Zielger

"From smartphone touchscreens, to the most advanced defense systems, to photovoltaic solar panels, nanotechnology has become an increasingly integral component of everyday life."

[NASA Puts Nanotechnology Swarm Patents Up for Auction](#)

Wired

March 29
Robert McMillan

"Psst. If you're thinking of getting into the intelligent smoke-detector business or building a swarm of nano-bots, NASA has a few patents for you."

Series of articles by *The Guardian* (U.K.)
March 30

[Nanotechnology: talking points](#)

[The big nano debate](#)

[Technology making a splash](#)

[Our need to know](#)

On Deck

What local sources are reporting

[Clarkson team generates electricity from snails](#)

Watertown (NY) Daily Times

March 19
Christopher Robbins

"POTSDAM - The snail, one of nature's slowpokes, carries its house on its back - but it might also hold the power to fuel a revolution in nanotechnology."

[Microbe Busters Takes New Approach At Eradicating Deadly Germs](#) [includes audio]

CBS Chicago
Regine Schlesinger

"If there's something weird and it don't look good," and particularly if it's making you sick, who you gonna call?"

[Do you know Nano?](#)

Minnesota Public Radio
March 22
Dan Gunderson

"Nanotechnology can be a bit confusing. Just what is it?"

[Researchers tackle food safety issue](#)

Columbia (MO) Tribune
March 23
Jake Halladay

"I learned more than I expected when I traveled with a University of Missouri team to Iowa State University recently."

Nano press

What nanotechnology related publications are reporting

[Shrimp shell nanotechnology rescues skin](#)

Nanowerk
March 16

"Nanoparticles containing chitosan have been shown to have effective antimicrobial activity against *Staphylococcus saprophyticus* and *Escherichia coli*."

[Laser writer makes graphene supercapacitors](#) [includes embedded YouTube video]

Nanotechweb.org
March 19

"Researchers in the US have employed a routine laser-writing technique to create sheets of graphene on the surface of a DVD. The graphene sheets can then be joined together to make electrochemical capacitors (or supercapacitors) that are able to store as much energy as a conventional battery but that can be charged 100–1000 times faster."

[Robot jellyfish fuelled by hydrogen](#)

Nanotechweb.org
March 22

"A robotic swimmer that mimics the motion of a jellyfish has been built by researchers in the US."

[Nanotechnology Valley of Death Redux: Why Nanotech is Not Having the Impact Predicted in NNI](#)

Nanotechnology Now
Alan Shalleck

"13 years ago after the first National Nanotechnology Initiative the economic global impact predicted for Nanotechnology just hasn't occurred."

[Nanoparticle capsule for removing radioactive contamination from milk, fruit juices](#)

Nanowerk

March 28

"Amid concerns about possible terrorist attacks with nuclear materials, and fresh memories of environmental contamination from the 2011 Fukushima Daiichi nuclear disaster in Japan, scientists today described development of a capsule that can be dropped into water, milk, fruit juices and other foods to remove more than a dozen radioactive substances."

Other (science) issues related to nanotechnology

[Map illustrates scale of nanotechnology development across the U.S.](#)

MedCity News

March 22

Stephanie Baum

"Nanotechnology and its use in drug development has been a growing area of investment in the U.S. and that growth has been mapped in an interactive infographic by the Project on Emerging Nanotechnologies."

[Nano star fruit could help diagnose cancer](#)

New Scientist

March 28

Andrew Purcell

"Star-fruit-shaped nanorods, grown in the lab from gold nanowires with pentagonal cross-sections, could dramatically improve chemical sensing techniques."