



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

News Clips

August 1-15, 2012

Top Deck

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

[Nanowire Mesh Links Cells and Electronics](#)

IEEE Spectrum Nanoclast

Aug. '12

Neil Savage

"The act of joining living tissue with electronics has long been imagined in the world of science fiction, but cybernetic organisms are now one step closer to reality thanks to work emerging from Harvard University and MIT."

[Nanoparticle system may lead to a cure for cancer](#)

Business Insider

Jennifer Polland

"There's a potential cure for cancer--and it was created by a high school senior."

[Concerns about Nano-materials in sunscreen spread to Europe](#)

ABC (Australia)

Tom Eastly/Rachel Carbonell

"Europe and the United states have now become embroiled in the controversy over allegations that an Australian manufacturer of sunscreen ingredients falsely claimed its products were free of controversial nano-materials."

[Nano tech can poison man, environment](#)

Asian Age

August 6

Syed Akbar

"Nanotechnology, which is fast emerging as the future science promising thousand

things including cures for complicated diseases, could prove to be toxic for human beings, animals and environment."

[Novel Cure for Ailing Hearts](#)

Wall Street Journal

Gautam Naik

"Scientists have used nanotechnology materials to repair vital tissues damaged by heart attacks in animals, suggesting a new way to treat the same ailment in people."

[A Lighter-Than-Air Building Material](#)

Bloomberg Business Week

August 9

Drake Bennett

"This summer, as Olympic athletes go faster, higher, and stronger in London, a record has fallen in a lab in Hamburg: Scientists have created the world's lightest material. The new carbon nanomaterial, called Aerographite, weighs 0.2 milligrams per cubic centimeter."

Nano press

What nanotechnology related publications are reporting

[Accidental Discovery Proves to Be Breakthrough in Nanoparticle Production](#)

AzoNano

August 9

Will Soutter

"A failed experiment by a student from the University of Central Florida has led to a pleasant discovery that is being considered by some scientists as a breakthrough in mass nanoparticle production with implications for pharmaceutical production and delivery."

[New coating stops biofilms for good](#)

Nano Magazine

Aug. 13

"'Slippery' technology shown to prevent more than 99% of harmful bacterial slime from forming on surfaces."

[Fat-encased nanoparticles offer benefits for treating lung cancer](#)

Nano Magazine

"Inhalable and thermo-responsive, fat-encased nanoparticles offer a possible treatment for lung cancer."

Other (science) issues related to nanotechnology

[Chemical nanofiber sensor finds landmines and buried IEDs](#)

R&D

August 2

"A chemical sensing system developed by engineers at the University of Connecticut is believed to be the first of its kind capable of detecting vapors from buried landmines and other explosive devices with the naked eye rather than advanced scientific

instrumentation."

[EPA releases nanomaterial case study regarding nanoscale silver](#)

R&D

August 6

"A new report from the U.S. Environmental Protection Agency presents a case study of engineered nanoscale silver (nano-Ag), focusing on the specific example of nano-Ag as possibly used in disinfectant sprays."

[FDA Asked for More Details on Nano Technology](#)

Med Page Today

August 10

David Plttman

"The FDA needs to provide more specifics on what nanotechnology products it is regulating and in what ways, members of the Pharmaceutical Science and Clinical Pharmacology Advisory Committee said Thursday."

[Removing hazardous substances from the air](#)

PhysOrg

August 14

"Volatile organic compounds (VOCs) are carbon-based compounds, many of which are hazardous to humans' health. EU-funded researchers coordinated efforts to apply nanotechnology to the capture and sequestration of these compounds."

[Nanomaterial Demonstrates Ability to Absorb and Reabsorb Hydrogen](#)

AzoCleantech

August 14

"For the first time, engineers at the University of New South Wales have demonstrated that hydrogen can be released and reabsorbed from a promising storage material, overcoming a major hurdle to its use as an alternative fuel source."

[Nano-membrane toilet to eliminate water for sanitation](#)

Waterworld

August 15

"As part of the Gates Foundation global challenge to reinvent the toilet in developing nations, the UK's Cranfield University has designed a solution that uses nano and advanced water treatment technologies."