

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

News Clips

Sept. 15-30, 2012

Top Deck

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

[Nanotechnology Takes Aim at Improving Beer](#)

IEEE Spectrum Nanoclast

Dexter Johnson

Sept. 18

"The motivations for certain applications of nanotechnology can run the gamut from ending our dependence on fossil fuels to providing clean drinking water in poor, remote regions of the world."

[Nano-safety studies urged in China](#)

Nature

Sept. 18

Jane Qiu

"Here is a recipe for anxiety: take China's poorly enforced chemical-safety regulations, add its tainted record on product safety and stir in the uncertain risks of a booming nanotechnology industry."

Also noted by the [Register](#).

[Cleaning up oil spills with magnets and nanotechnology](#)

CNN

Sept. 21

Tom Levitt

"Oil companies could soon be using an innovative new technique involving nanotechnology and magnets to help clean up offshore oil spills."

[Tiny particles target hearing loss](#)

ABC (Australia)

Sept. 25

"Nanotechnology - manipulating tiny particles to carry drugs targeting damaged cells in the human body - could revolutionise healthcare in the future, says Professor Frank Caruso."

On Deck

What local sources are saying about nano

[Nanoresonators not yet mass-produced](#)

Journal & Courier

Samantha Schmidt

Sept. 15

"The terms nanoresonator and nanosystem sound as though they stepped right out of a science fiction movie."

[Prof. authors nanotech books for kids](#)

The Mercury (UT Dallas)

Sept. 24

Joseph Mancuso

"UTD researcher Moon Kim and journalist Sun Kim strive to make nanotechnology, the diverse study of very small sciences, understandable to even the youngest of scientists."

[A lab like no other: medicine' s next big thing?](#)

WFTV

Sept. 27

"[N]anotechnology is science at the size of individual atoms and molecules: objects and devices measuring mere billionths of a meter, smaller than a red blood cell."

Nano press

What nanotechnology related publications are reporting

[Cutting-edge startup aims for nano-close shave](#)

Nanowerk

Sept. 17

"A new startup company at UC Davis aims to bring you a better shave through semiconductor manufacturing technology. Nano-Sharp Inc. plans to use silicon wafers to make razor blades and surgical tools far more cheaply than current silicon or ceramic blades."

[Coated nanoparticles move easily into brain tissue](#)

Nanowerk

"Johns Hopkins researchers report they are one step closer to having a drug-delivery system flexible enough to overcome some key challenges posed by brain cancer and perhaps other maladies affecting that organ."

[Exposing cancer's lethal couriers with nanochains](#)

Nanowerk

Sept. 24

"Malignant cells that leave a primary tumor, travel the bloodstream and grow out of control in new locations cause the vast majority of cancer deaths."

Other (science) issues related to nanotechnology

[Size matters: Researchers warn nano-polyphenols may have reversed effects](#)

Nutraingredients.com

Sept. 17

Nathan Gray

"The beneficial effects attributed to antioxidants such as polyphenols could be reversed when they are used in nano-forms, according to new research."

[Spinning Carbon Nanotubes Open Pores In Cancer Cells](#)

Chemical & Engineering News

Prachi Patel

"Under a rotating magnetic field, carbon nanotubes form spinning bundles that [drill into cell membranes](#), researchers have discovered."

[Carbon Nanotubes: The Next Mesothelioma Risk?](#)

Surviving Mesothelioma

Sept. 19

"There's more evidence that carbon nanotubes, cylindrical carbon molecules used in nanotechnology, electronics, optics and other fields, may cause mesothelioma in the same way that asbestos does."

[Biological fate of nanoparticles in the body](#)

Chemistry World

Jessica Cocker

"Metal oxide nanoparticles are currently used for a variety of applications including diagnostics and biomedicine."

[Would you buy a smartphone as thin as a credit card?](#)

Nasdaq

Sept. 29

Geoff Williams

"You've seen the latest and greatest iPhone, right? It's thinner, it's lighter...it's beginning to look like a credit card! But according to a new development in lens technology, that new smartphone could soon look downright clunky."