From:	Cathy Boggs
To:	Cathy Boggs
Subject:	Fwd: [CNS-weekly-clips] CNS-UCSB News Clips, September 1-15, 2011
Date:	Monday, February 06, 2012 4:41:29 PM
Attachments:	Attached Message Part.txt

-------- Original Message --------
Subject: [CNS-weekly-clips] CNS-UCSB News Clips, September 1-15, 2011
Date: Wed, 21 Sep 2011 18:08:52 -0700
From: CNS - Weekly News Clips from UCSB <cns-weekly-clips@lists.isber.ucsb.edu>
Reply-To: cns-weekly-clips@lists.isber.ucsb.edu
To: cns-weekly-clips <cns-weekly-clips@lists.isber.ucsb.edu>

CNS-UCSB
Center for Nanotechnology in Society

University of California, Santa Barbara
www.cns.ucsb.edu

News Clips

September 1-15, 2011

Top Deck

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

Researchers aim for energy-harvesting CPUs
EE Times
Sept. 1
Dylan McGrath

"A team of researchers from Virginia Commonwealth University (VCU) was awarded two grants totaling $1.75 million from the U.S. National Science Foundation and the Nanoelectronics Research Initiative of Semiconductor Research Corp. to create powerful, energy-efficient computer processors that can run an embedded system without requiring battery power."

New Study Finds That Nanotechnology Education is Lacking in Dermatology Training
MarketWatch.com
Sept. 2

"Members of the Nanodermatology Society (NDS), a physician-led organization dedicated to the scientific and medical aspects of nanotechnology and dermatology, recently published a pilot study evaluating knowledge, perceptions and attitudes regarding Nanotechnology amongst dermatologists in the United States."

Electric motor made from a single molecule

BBC News
Sept. 5
Jason Palmer

"Researchers have created the smallest electric motor ever devised."

Also noted by *PC Magazine*, CBS News.

Nanorobots Are Not a Technology; They Are a Prediction
IEEE Spectrum Nanoclast blog
Dexter Johnson
Sept. 6

"I confess, I don't get it. Why are people so easily confused by today's nanoparticles and discussions of futuristic nanorobots?"

Video: 'Nano Techno' Is the Best Rap Song About Nanotech You'll Hear All Day
Wired
Sept. 6
Angela Watercutter

"This is probably the *only* rap song about nanotech you'll hear today, but that's beside the point. The point is that Coma Niddy (aka Mike Wilson) found a way to make nanotechnology something worth rapping about. In his video for 'Nano Techno . . . he breaks down what nanotech is and the many ways it can be used."

Are You Helping to Build a Bomb Today?
IndustryWeek
Sept. 7
Scott E. Rickert

"Nano-terrorists mailed a dynamite-stuffed pipe-bomb to a college professor at the Monterrey Technological Institute campus in Mexico early last month. The good news: the two victims weren't badly hurt and will recover from the second degree burns they suffered."

Debating Extreme Human Enhancement
Slate
Sept. 14
Brad Allenby

"It's impossible to predict whether a technology will be a good or bad thing."

Nanotechnology increases mineral recovery
UPI
Sept. 14

"Nanotechnology can offer a more efficient method to separate gold, silver, copper and other valuable materials from rock and ore, Canadian researchers say."

Lights Out, Game On
New York Times
Sept. 14
Penelope Green

"LAST night I slept on athletic shorts. Or more accurately, I slept on the stuff athletic shorts are made of: high-tech performance fabric, the sort of super-Lycra that goes into the uniforms of, say, basketball players."

Environmentalists worried about nano-silver
ABC (Australia)
Sept. 15

"Environmentalists want the Federal Government to investigate the health effects of the use of a common antibacterial ingredient."

Local

Nanotechnology could give North Carolina a boost
Daily Tarheel (UNC Chapel Hill)
Sept. 1
Vinayak Balasubramanian

"North Carolina's economy could receive a welcome boost in coming years from an unexpected source - nanotechnology."

Is there nanotech in your sun block?

The San Francisco Chronicle
Sept. 8
Cameron Scott

"In June, the FDA announced some long-awaited new rules for sunscreen. But the agency declined to weigh in on the use of nano-particles in sunscreens, even as health concerns related to the technology are mounting."

Survey Shows Confusion On Protecting Nano Workers

New Haven (CT) *Independent*
Sept. 9
Gwyneth K. Shaw

"As super-small particles and materials become increasingly common in manufacturing, how are companies dealing with the potential to expose their workers to invisible hazards?"

Nano press

What nanotechnology related publications are reporting

Ultrasmall peptides harnessed to repair spinal disc damage
Nanowerk
Sept. 12

"New ultrasmall peptides that can be used as building blocks for a wide range of regenerative

applications such as spinal disc replacement and cartilage repair have been developed by scientists at the Institute of Bioengineering and Nanotechnology (IBN), the world's first bioengineering and nanotechnology research institute. These peptides spontaneously assemble in water to form hydrogels, which resemble collagen, a major component of connective tissues found in cartilage, ligaments, tendons, bone and skin."

Nanotechnology and the baby boom come of age
Nanotechnology Now
Sept. 14
J. Andrews Melendez

"In 2010 the first baby boomers reached official retirement age and an additional 10,000 join the ranks on a daily basis."

Other (science) issue related to nanotechnology

When the world ends, will you be covered in grey goo?

io9
Sept. 6

"How will life on Earth end? International nuclear bombardment? Another asteroid? Enslavement by aliens? The devouring of all of our resources by a Skynet-esque batch of self-replicating microscopic robots?"

UC Team Finds Stable RNA Nano-Scaffold Within Virus Core

HealthCanal
Sept. 9

"With the discovery of a RNA nano-scaffold that remains unusually stable in the body, researchers at the University of Cincinnati (UC) have overcome another barrier to the development of therapeutic RNA nanotechnology."