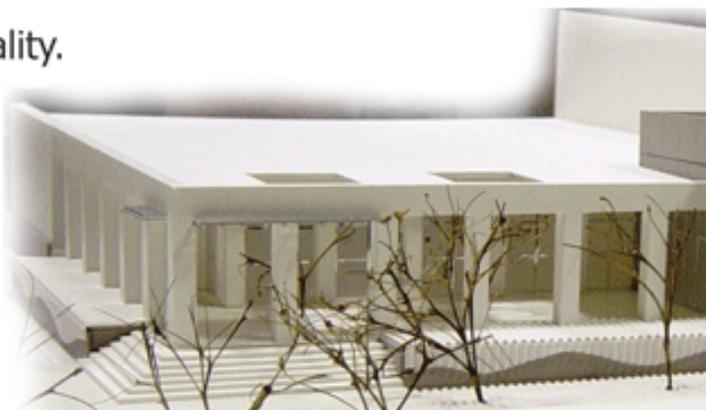




turning invention into reality.

National Nanotechnology Manufacturing Center



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Monday, December 10, 2007

Senator Chambliss

Senator Saxby Chambliss addresses the NNMC Inaugural Symposium [[click here](#)]



Nano Events

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What's a nano?

[Click here](#) to see how really small a nano is!

National Nano Manufacturing Center

The National Nano Manufacturing Center is a not-for-profit organization dedicated to the growth of the nanotechnology industry, through promotion of nano-research [commercialization](#), encouragement of cost-effective [manufacturing](#) - using a fab & fabless business model, and the development of industry standards, protocols, and workplace safety guidelines. The Center is also an economic development model for bringing new industry, attracting companies, and creating jobs in rural America.

Nanotechnology has emerged as the single largest revolutionary science topic of the 21st century. The ability to manipulate materials on a very small scale will lead to extraordinary advances in areas such as material science, medicine and energy. The possibilities have captured both attention and resources globally. The U.S. federal government alone will spend \$1.5 billion on nanotechnology in FY2007.

While the primary focus is still on fundamental research, it is vital that the infrastructure needed to realize a return on this substantial investment also begin to emerge. Use of nanotechnology in myriad applications will require new manufacturing methods and facilities. An industry goal of seeking the highest returns on investment through manufacturing partnerships will influence the speed at which the industry grows and prospers.

Barbara Stafford
Executive Director, NNMC

Today's Nano News Feed

[**India selects three cities as sites for national nanotechnology institute**](#)

[**Sperm Power Shows Way To Energize Nano Robots**](#)

[**Using Carbon Nanotubes To Seek and Destroy Anthrax Toxin and Other Harmful Proteins**](#)

[**Nanotube-producing bacteria show manufacturing promise**](#)

[**IBM using light instead of wires for building supercomputers-on-a-chip**](#)

[**Virtual 3D nanorobots could lead to real cancer-fighting technology**](#)

[**Lack of clarity could hamper nanotech commercialization, conference finds**](#)

[**The Feel of Cancer Cells**](#)

[**Mass-Producing 3-D Particles**](#)

[**Radio Waves Fire Up Nanotubes Embedded in Tumors, Destroying Liver Cancer**](#)

Nano in the News

[Green Nanotechnology: It's Easier Than You Think](#)

A report from the Project on Emerging Nanotechnologies, identifies how "green" principles are influencing the development of processes and products that use less energy and create little waste ... better products for a greener world. The report may also be found here:

<http://www.nanotechproject.org/116/4262007-green-nanotechnology-its-easier-than-you-think>

[Nanotechnology: The Future is Coming Sooner Than You Think](#)

The government finally made something simple(r) – this report published by the Joint Economic Study Committee of the US Congress offers a good layman's version of defining nanotechnologies, its uses and issues. You may also find it by going to

www.house.gov/jec/

National Nanotechnology Manufacturing Center
102 South Main Street
Swainsboro, GA 30401
404.310.2634 email [[click here](#)]