

News



Nanomedicine Project Targets Prostate Cancer

The Prostate Cancer Foundation is committing \$5 million to explore how nanomedicine can detect and treat prostate cancer. Partners in the research are: Massachusetts Institute of Technology, Weill Cornell Medical College, Brigham and Women's Hospital at Harvard Medical School and the Dana-Farber Cancer Institute.

Disciplines: **Nanobiotechnology**

Northern Illinois Dean, NanoScience Pioneer Moves to OU

Dr. Rathindra Bose, vice president for research and dean of Northern Illinois University's graduate school, and one visionary behind NIU's Institute for Nanoscience, Engineering and Technology (InSET), is moving to Ohio University.

A Legal Expert Discusses the Impact of Law in Nanotechnology

Member Exclusive

For many nano researchers on their way to commercializing a product, navigating the sea of legal issues that arises can be a daunting task. In his new book *Nanotechnology: Legal Aspects*, Dr. Patrick M. Boucher wades through the existing legal framework to address these questions.

Rice: Buckeyballs May Offer Vast Hydrogen Storage

Member Exclusive

At Rice University, researchers say buckeyballs may be able to hold out-of-this-world densities of hydrogen. The finding could pave new research into how to expand storage capability for clean-fuel vehicles, like the hydrogen car.

[more current research](#)

Updated: April 02, 2008 - 13:28

Latest News

Nano Lightwaves Power Lasers for Medicine, Telecom

New Ultrathin Wafer Bonding Boosts MEMS/NEMS Apps

KLA-Tencor's Nano for Multi-Layer Films

Applied Materials' Earns Green Energy Award for Solar Thin Film

SEMVision G4 Targets Defects at 45 nms and Below

German Nano Research Centers Set 2008 Nanoscopic Agenda

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Nano Newsmakers



Guenther, Axel

Assistant Professor University of Toronto



Minko, Sergiy

Egon Matijevic Chaired Professor Clarkson University

[970 more nano newsmakers](#)

Institutions



Clarkson University

"Clarkson University, formerly Clarkson College of Technology, is a private university located in rural Potsdam, New York. It was founded in 1896 and has an enrollment of about 3,000 students studying towards bachelor's, master's, and doctoral degrees in each of its three schools: the School of Business, School of Arts & Sciences, and the Wallace H. Coulter School of Engineering.



Central Scientific Instruments Organisation (CSIO)

Central Scientific Instruments Organisation is a premier National Instrumentation Research laboratory of Council of Scientific & Industrial Research (CSIR), Government Of India. CSIO focuses on nanotechnology through its Biomolecular Electronics & Nanotechnology division.

[229 more institutions](#)

SlideCasts



High-Fidelity Universal Set of Quantum Gates using Non-adiabatic Rapid Passage

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Recently Published

Nanotechnology: Legal Aspects



Nanotechnology: Legal Aspects describes with insight and explanations for lawyers and researchers how legal doctrines and new laws will protect intellectual property, facilitate financial transactions, and address health, safety, and environmental issues. The book's author is Patrick M. Boucher, Ph.D, a leading attorney on nanoscale IP issues. [Preview this book.](#)

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Special Features

DOWNLOAD: Structure and Symmetry of Graphite

Member Exclusive



by Constantinos D. Zeinalipour-Yazdi;

University of California (San Diego), CA;

This 16-page report reviews graphite's crystallographic elucidation and discusses crystallographic techniques used to elucidate the atomic positions in the lattice. This paper considers graphite's lamellar crystalline structure from data derived from structural, spectroscopic, and electronic means, including X-ray diffractometry, electron and neutron diffraction, Raman spectroscopy, electron diffraction, and AFM.

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