Nanotechnology Workshop
May 4-5, 2006
University of Illinois at Urbana-Champaign
Beckman Institute for Advanced Science and Technology
405 North Mathews Avenue, Urbana, Illinois

Plenary & Session Speakers
Recent Advances and Future Directions in Cancer Nanotechnology
Gregory Downing, Director, Office of Technology and Industrial Relations,
Office of the Director, National Cancer Institute

Silicon Innovations and Emerging Nanotechnologies
for High-Speed and Low-Power Logic Applications
Robert Chau, Senior Fellow and Director of Transistor Research
and Nanotechnology, Intel

The NIH Roadmap Nanomedicine Initiative
Richard Fisher, Nanomedicine Initiative, Project Team Leader
Program Director, Corneal Diseases, NEI, NIH

These and other representatives of government, industry, and academia from the University of Illinois and Washington University in Saint Louis will discuss the current and future research and development in nanotechnology including nanomedicine. This workshop will showcase UIUC research strengths in nanomedicine, nanoelectronics/nanophotonics, and nanomaterials/nanomanufacturing, through presentations, poster sessions, panel discussions, tours of the Micro and Nanotechnology Laboratory, Frederick Seitz Materials Research Laboratory, Bioengineering, National Center for Supercomputing Applications, and other key laboratories.

Industry Presentations
Epiworks, IBM, and Intel

University of Illinois Presentations
Ilesanmi Adesida, Aleksei Aksimentiev, Stephen Boppart, Sahraoui Chaieb,
Gary Eden, Nicholas Fang, John Katzenellenbogen, Paul Kenis, Nadya Mason,
John Rogers, Taher Saif, Michael Strano, Yingxiao Wang, and Kenneth Watkin.

Washington University in Saint Louis Presentations
Samuel Achilefu, Carolyn Anderson, Stuart Solin, and Samuel Wickline

Panel on Research and Development, and Societal
Issues in Nanomedicine
Panelists: Brian Cunningham (UIUC and SRU Biosystems), Gregory Downing (NCI),
Wayland Eppard, Patient Advocacy Committee, and Samuel Wickline (WashU)

Workshop Registration
Pre-registration required (no registration fee)
Register online at: www.cnst.uiuc.edu/NanoWorkshop2006.htm

Grant Writing Workshop - May 5 (8 - 9:30 a.m.)
Richard Fisher, Nanomedicine, NIH
Pre-registration required (no registration fee) send email to nano@cnst.uiuc.edu

For More Information
Phone 217.333.2015, or email nano@cnst.uiuc.edu

Sponsored by
Center for Nanoscale Science and Technology (CNST)
University of Illinois at Urbana-Champaign

Co-sponsors: Beckman Institute for Advanced Science and Technology, Institute for Genomic Biology (IGB), Nanoscale Chemical, Electrical, Mechanical, Manufacturing Systems (Nano-CEMMS), National Center for Supercomputing Applications, Micro and Nanotechnology Laboratory, Siteman Center for Cancer Nanotechnology Excellence, Washington University in Saint Louis, and University of Illinois at Urbana-Champaign