

CNST

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

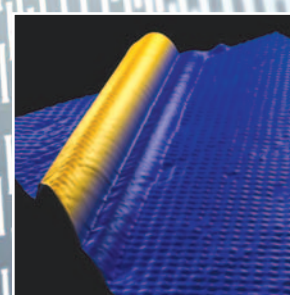
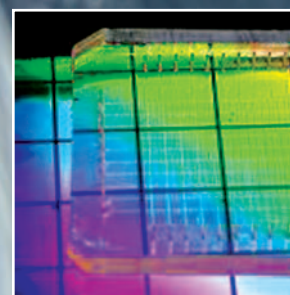
For More Information

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



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