



UB NORTH CAMPUS

FIRST ANNUAL INTEGRATED NANOSTRUCTURED SYSTEMS WORKSHOP

Multifunctional Nanomaterials and Nanodevices

MAY 18-19, 2007

CENTER FOR THE ARTS, THE UNIVERSITY AT BUFFALO (SUNY)
BUFFALO, NEW YORK, USA



This symposium and workshop, organized under the aegis of the UB 2020 Strategic Strength in Integrated Nanostructured Systems, will bring together world-class researchers exploring the science, technology, and applications of nanoscale materials and devices.

Materials of interest include semiconductors, metals, biomolecules and polymers, whether prepared as free nano-objects by bottom-up processing, or carved from bulk material by top-down nanopatterning. Applications of interest range from spintronics to biomedicine and generally fall outside the scope of conventional semiconductor technologies. University at Buffalo research strengths in nanomedicine, nanophotonics, and semiconductor spintronics will be highlighted.

Distinguished speakers from academia, industry, and government will provide perspectives on these and other exciting areas of research in nanomaterials and nanodevices. In addition to these invited lectures, a poster session will allow all participants, especially students, to showcase their own research activities. Ample time for informal discussion and networking will be provided.

To register, visit www.ubevents.org/regengine/event_page.php.

REGISTRATION

QUESTIONS:

Mable Tartt Sumpter
sumpter@buffalo.edu

Phone:
(716) 645-3705, ext. 224

Fax:
(716) 645-3869

CONFIRMED INVITED SPEAKERS INCLUDE:

- > Harold Craighead, Cornell
- > Mostafa El-Sayed, Georgia Tech
- > Margaret Hines, Evident Technologies
- > Jeff Jordan, Nanodynamics
- > Todd Krauss, University of Rochester
- > Raj Mohanty, Boston University
- > Olufemi J. Olowolafe, National Science Foundation
- > Shouheng Sun, Brown University
- > Henry Van Driel, University of Toronto
- > Zhonglin Wang, Georgia Tech
- > Victor Zhirmov, Semiconductor Research Corporation

REGISTER EARLY!

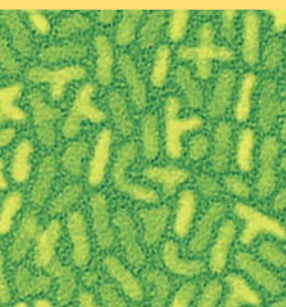
Registration is limited. Registrations must be received no later than May 10, 2007. Register early to ensure a spot.

Full registration: \$40
Student registration: \$25

Fee includes continental breakfast and coffee breaks for both days, and lunch on Friday.

CANCELLATION POLICY:

- > Before May 10
Full refund minus \$5 service charge.
- > After May 10
No refund will be provided.



FOR PROGRAM INFORMATION/QUESTIONS, CONTACT:

- > Kwang W. Oh
Dept. of Electrical Engineering
kwangoh@buffalo.edu
- > Mark T. Swihart
Dept. of Chemical and Biological Engineering
swihart@eng.buffalo.edu
- > David Watson
Dept. of Chemistry
dwatson3@buffalo.edu
- > Hao Zeng
Dept. of Physics
haozeng@buffalo.edu