

# New York Nanoscience Discussion Group



**Tuesday, November 21, 2006**  
**Silver 1003**  
**Refreshments: 7:00 pm**  
**Science: 7:30 - 9:00 pm**

Department of Chemistry  
New York University  
100 Washington Square East  
New York, New York 10003

Phone: 212-998-8478  
Fax: 212-260-7905

Speakers - not necessarily in this order:

## **Richard A. Kiehl**

*Department of Electrical and Computer Engineering, University of Minnesota*

**"A Paradigm for Nanoscale Computing:**

**DNA-Directed Assembly, Molecular Nonlinear Devices, Array Architectures"**

## **Richard Gross**

*Department of Chemical Biology and Director, NSF I/UCR Center for Biocatalysis  
and Bioprocessing of Macromolecules, Polytechnic University*

**Lipase-Catalyzed Polyester Synthesis: Enzymes Working Extremely Well with Non-Natural  
Substrates"**

## **Daniel Malamud**

*Professor of Basic Sciences, NYU College of Dentistry*

**Development of a Microfluidic Platform for the Diagnosis of Multiple Infectious Diseases**

Sessions feature three 30-minute presentations on nanoscience, one each with strong orientation in biology, chemistry, and physics/applied mathematics. Presentations will be focused on discussion of recent work, although speakers will place the work in a context understandable to a broad audience.

*Joint Meeting with Nanoscience Topical Group New York Section, American Chemical Society*

For more information about this event, contact:

James Canary ([james.canary@nyu.edu](mailto:james.canary@nyu.edu))

<http://www.nyu.edu/projects/nanoscience>



Hosted by the Department of Chemistry, New York University