

Some Groups Involved in Nanotechnology Research at Duke University:

Robert Clark, ME and Materials Sci. Dept, Engineering School
Nanoscale mechanics (Collaborations with UNC)

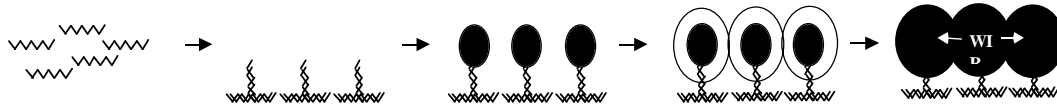
Richard Fair, ME and Materials Sci. Dept, Engineering School.
Nanoscale transport and directed motion. (Collaborations with NC State)

Dan Kenan, Dept of Pathology, Duke Medical School.
In vitro evolution of RNA aptamers and phage display antibodies.
Molecular motors.

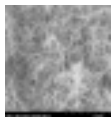
Ashutosh Chilkoti, Dept of Biomedical Engineering.
Ultra-flat nanosphere lithography. Nano-patterning of proteins. Self-assembling monolayers. Environmentally-responsive peptides.



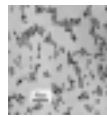
Gleb Finkelstein and Stephen Teitworth, Dept of Physics.
Measurement and modeling of transport properties in nanometer-scale objects.
Molecular Electronics



Jie Liu, Dept of Chemistry.
Fabrication, purification, modification, and applications of single-wall carbon nanotubes.



SEM image of SWNT from CVD



FeMo catalyst nanoparticles

John Reif and Thom LaBean, Dept of Computer Science. *Self-assembling DNA nanostructures for computation and fabrication. DNA-based templates for patterning of various materials.* <http://www.cs.duke.edu/~reif/BMC/Reif.BMCproject.html>

