



## Nanotechnology Seminar Series – Fall 2006

Seminars are Wednesdays at 11am in Babbio Room 104.

Date	Title/Speaker	Sponsor/Host
9/6/06	<b>Gold nanostructures: Engineering plasmonic properties for biomedical applications</b> Younan Xia, University of Washington	NPG Prof. Du, x5262
9/13/06	<b>Applications and capabilities of S100 nanomanipulator in academic research</b> John Randall, CTO, Zyvex Corporation	Mech. Eng. Prof. Fisher, x8913
9/20/06	<b>Nonlinear multiscale modeling of polymeric materials</b> Greg Odegard, Michigan Tech	Mech. Eng. Prof. Fisher, x8913
9/27/06	<b>Iron nanoparticles for environmental remediation: Environmental and materials chemistry</b> Wei-xian Zhang, Lehigh University	CEOE Prof. Meng, x8014
10/4/06	<b>Surface enhanced Raman Spectroscopy for chemical and biological detection</b> Bachua Gu, Oak Ridge National Laboratory	CCB Prof. Sukhishvili, x5544
10/11/06	<b>New opportunities for plasma science in nonequilibrium low temperature plasmas confined to microcavities: There's plenty of room at the bottom</b> Gary Eden, Univ. of Illinois	PEP Prof. Becker, x5671
10/18/06	<b>Nanotechnology research at DARPA</b> Devanand Shenoy, DARPA	CBME Prof. Du, x5262
10/25/06	<b>Nanofiber technology</b> Frank Ko, Drexel University	Mech Eng Prof. Fisher, x8913
11/1/06	<b>Controlling light-matter interaction at the nanoscale: Novel nanophotonic devices</b> Stefan Strauf, Stevens Institute of Technology	CEOE Prof. Becker, x5671
11/8/06	<b>Multifunctional nanowires</b> Peter C. Searson, Johns Hopkins University	CCB Prof. Sukhishvili, x5544
11/15/06	<b>Molecular Nanomagnets</b> Myriam Sarachik, City College of New York, CUNY	PEP Prof. Becker, x5671
11/29/06	<b>Biomedical nanotechnology for cancer imaging, profiling, and drug targeting</b> Shuming Nie, Georgia Tech	CBME Prof. Wang, x5556
12/6/06	<b>Nanotechnology lessons from marine sponges</b> Joanna Aizenberg, Bell Laboratories	NPG Prof. Du, x5262

Coordinator: Prof. Frank Fisher, Mechanical Engineering, x8913