



Nanotechnology Seminar Series – Spring 2008

Seminars are typically Wednesdays at **NOON** in Babbio 122 unless otherwise noted below.

Date	Title/Speaker	Sponsor/Host
1/23/08 (11am, Babbio 110)	Quantum cascade semiconductor infrared lasers: From trace gas sensing to non-linear optics Geoffrey Duxbury, University of Strathclyde, Glasgow Scotland	NGP Prof. Martini, x5234
1/30/08 (11am, Babbio 110)	Field-Assisted Assembly of Nanomaterials and their Optical, Mechanical, and Electrical Properties Irving Herman, Columbia University	PEP Whittaker, x5707
2/6/08 (11am, Carnegie 315)	Thin film electronics from solution processed single walled carbon nanotube thin films Manish Chhowalla, Rutgers University	Mech. Eng. Prof. Fisher, x8913
2/13/08	Hierarchical nanomechanics of structural protein materials: Robustness, strength and adaptability Markus Buehler, MIT	CEOE Prof. Xu, x8711
2/20/08	Morphological multiplicities in liquid crystalline droplets Morton M. Denn, City College of NY	CBME Prof. Du, x5262
2/27/08	Hydrogel nanoparticles at the Materials: Biology interface L. Andrew Lyon, Georgia Tech	CCB Sukhishvili, x5544
3/5/08	Aggregation behavior and cytotoxicity of carbon-based nanomaterials in aquatic environments Menachem Elimelech, Yale University	CEOE Prof. Wazne, x8993
3/12/08	No seminar	----
3/19/08	Spring Break	----
3/26/08	Bioconjugated nanoparticles for bioanalysis and biotechnology Weihong Tan, University of Florida	CCB Professor Sukhishvili, x5544
4/2/08	Engineering cellular function in 2 and 3 dimensions Mathis Riehle, Center for Cell Engineering, University of Glasgow	Biomedical Research Comm. Professor Choi (MechE), x5579
4/9/08	Active polymer nanocomposites: Towards enhanced sensing and actuation performance Zoubeida Ounaies, Texas A&M University	Mech. Eng. Prof. Fisher, x8913
4/16/08 (1pm, Burchard 118)	A tour of nanoscience research at Sandia National Laboratories Julia Phillips, Sandia National Laboratory	NGP Prof. Du, x5262

Coordinator: Prof. Frank Fisher, Mechanical Engineering, x8913