



## Nanotechnology Seminar Series – Spring 2012

Seminars are Wednesdays at 11 am in BABBIO 122.

Date	Title/Speaker	Sponsor/Host
1/25/12	<b>Nature Inspired Materials Science</b> Michael F. Rubner, MIT	Nanotechnology Graduate Program (NGP), Professor Svetlana Sukhishvili, x5544
2/1/12	<b>No Seminar</b>	
2/8/12	<b>Mechanics of nanopottery and superwetting</b> Ho-Young Kim, Seoul National University	ME Department, Professor Chang-Hwan Choi, x5579
2/15/12	<b>Synaptic Plasticity and Remodeling in Neural Circuits: Role of Dopamine, Drugs, and Beyond</b> Wei-Dong Yao, Harvard Medical School	ME Department, Professor Yong Shi, x5594
2/22/12	<b>Adaptive Nanocomposites and Autonomic Gels</b> Richard A. Vaia, AFRL	CCBBME Department Professor Svetlana Sukhishvili, x5544
2/29/12	<b>Bacteria, Biofilms and Fluid Dynamics: Elementary Flows and Unexpected Phenomena</b> Howard Stone, Princeton University	ME Department, Professor Chang-Hwan Choi, x5579
3/7/12	<b>Electrospinning for Functional Bone Replacement and Regeneration</b> Joseph W. Freeman, Rutgers University	Stevens Interdisciplinary Biomaterials Research and Education (SIBRE) Group, Professor Henry Du, x5262
3/14/12	<b>No seminar – Spring Recess</b>	-----
3/21/12	<b>Nanotechnology: Nanomaterials, Nanomedicine and Nanocars</b> James Tour, Rice University	ME Department Professor EH Yang, x5574
3/28/12	<b>Interfaces and Nanoparticles</b> C. Barry Carter, University of Connecticut	CEMS Department Professor Libera, x5259
4/4/12	<b>Quantum Optics on Photonic Chips</b> Dirk Englund, Columbia University	PEP Department Professor Strauf, x5639
4/11/12	<b>Making Nanodevices Stronger</b> Brad Boyce, Sandia National Laboratory	Nanotechnology Graduate Program (NGP) Prof. Fisher, x8913

Coordinator: Prof. Frank Fisher, Mechanical Engineering, x8913

**Nanotechnology Graduate Program (NGP)**

<http://www.stevens.edu/nano>